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TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER 344 / 1 / 114 U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/589521
INTERNATIONAL APPLICATION NO. PCT/EP2005/001872	INTERNATIONAL FILING DATE February 23, 2005	PRIORITY DATE CLAIMED February 23, 2004
TITLE OF INVENTION METHOD FOR DIAGNOSING OPERATING STATES OF A SYNCHRONOUS PUMP, AND DEVICE FOR CARRYING OUT SAID METHOD		
APPLICANT(S) FOR DO/EO/US Bernd TEIPEN		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. 3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input checked="" type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input checked="" type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). a. <input checked="" type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). Items 11 to 20 below concern document(s) or information included: 11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98, Form PTO/SB/08A & 2 references 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input checked="" type="checkbox"/> A preliminary amendment. 14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A power of attorney and/or change of address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825. 18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).		

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U.S. APPLICATION NO. (if known, see 37 CFR 1.5) <div style="font-size: 2em; font-weight: bold; text-align: center;">10/589521</div>	INTERNATIONAL APPLICATION NO. PCT/EP2005/001872	ATTORNEY'S DOCKET NUMBER 344/1/114
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20. Other items or information:
 PCT/IB/308 (First and Second); PCT/RO/105; PCT/ISA/202; PCT/ISA/210;
 PCT/ISA/220; PCT/ISA/237; PCT/IB/301; PCT/IB/304; PCT/IB/311; PCT/IB/345

The following fees have been submitted	CALCULATIONS	PTO USE ONLY
21. <input checked="" type="checkbox"/> Basic national fee (37 CFR 1.492(a))..... \$300	\$ 300	
22. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c))		
If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)..... \$0	\$ 200	
All other situations..... \$200		
23. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b))		
If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)..... \$0		
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority..... \$100		
International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB..... \$400	\$ 400	
All other situations..... \$500		
TOTAL OF 21, 22 and 23 =	900	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.		
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)
- 100 =	/50 =	x \$250
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).		\$ 0
CLAIMS	NUMBER FILED	NUMBER EXTRA
Total claims	15 - 20 =	0
Independent claims	1 - 3 =	0
MULTIPLE DEPENDENT CLAIM(S) (if applicable)		+ \$360
TOTAL OF ABOVE CALCULATIONS =		\$ 0
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.		
SUBTOTAL =		\$ 900
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).		\$ 0
TOTAL NATIONAL FEE =		\$ 900
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property		\$ 0
TOTAL FEES ENCLOSED =		\$ 900
		Amount to be refunded: \$
		Amount to be charged \$ 900

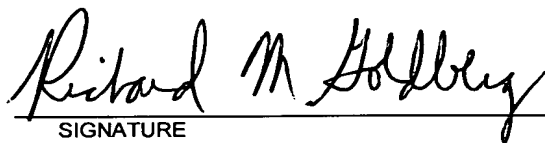
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- a. ☐ A check in the amount of \$ _____ to cover the above fees is enclosed.
- b. ☐ Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees.
A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 07-1524. A duplicate copy of this sheet is enclosed.
- d. ☒ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

Richard M. Goldberg
25 East Salem Street
Suite 419
Hackensack, NJ 07601



SIGNATURE

Richard M. Goldberg

NAME

28,215

REGISTRATION NUMBER

10/589521

IAP6 Rec'd PCT/PTO 16 AUG 2006

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August 16, 2006

Mail Stop PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Re: Entering National Stage in
PCT Application No. PCT/EP2005/001872
Applicant : Bernd TEIPEN
Title : METHOD FOR DIAGNOSING OPERATING
STATES OF A SYNCHRONOUS PUMP, AND
DEVICE FOR CARRYING OUT SAID METHOD
My File : 344/1/114

Certificate of Mailing By Express Mail Under 37 CFR 1.10

Express Mail "Mailing Label No.": EQ 681252330 US
Date of Deposit : AUGUST 16, 2006

I hereby certify that this paper and/or fee is being deposited with
the United States Postal Service "Express Mail Post Office to
Addressee" service under 37 C.F.R. 1.10 on the date indicated above
and is addressed to the Mail Stop PCT, COMMISSIONER FOR PATENTS,
P.O. Box 1450, Alexandria, VA 22313-1450 on AUGUST 16, 2006.

Richard M. Goldberg
(Name of Registered Representative
and person mailing)

Richard M. Goldberg August 16,
(Signature and Date) 2006

Dear Sirs:

Transmitted herewith for filing in the U.S. Patent and
Trademark Office (entering the national phase in a PCT
application (PCT/EP2005/001872) (WO 2005/081390) is a new
application including:

- a) Form PTO-1390 (in duplicate), with authorization to
charge \$900.00 to credit card. The fee includes the
large entity rate for basic national fee (\$300),
examination fee (\$200), and search fee (\$400).

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- b) Credit Card Payment Form (PTO-2038);
- c) Form PCT/IB/308 (mailed September 29, 2005), entitled FIRST NOTICE INFORMING THE APPLICANT OF THE COMMUNICATION OF THE INTERNATIONAL APPLICATION (TO DESIGNATED OFFICES WHICH DO NOT APPLY THE 30 MONTH TIME LIMIT UNDER ARTICLE 22(1)) - 1 page;
- d) Form PCT/IB/308 (mailed June 29, 2006), entitled SECOND AND SUPPLEMENTARY NOTICE INFORMING THE APPLICANT OF THE COMMUNICATION OF THE INTERNATIONAL APPLICATION (TO DESIGNATED OFFICES WHICH APPLY THE 30 MONTH TIME LIMIT UNDER ARTICLE 22(1)) - 1 page;
- e) Original filed application of fifteen (15) pages, with two front pages of published application and six sheets of drawings;
- f) English-language translation of original German language application;
- g) Six (6) sheets of formal drawings (Figs. 1-8);
- h) Application Data Sheet;
- i) Executed Declaration and Power of Attorney;
- j) Form PCT/RO/105 (in German) - Notification of the Number of the International Demand and the Date of International Deposit;
- k) Form PCT/ISA/202 (in German) - Notification of the Entry of the Search Report
- l) Form PCT/ISA/210 (in German) - International Search Report performed by European Patent Office, and English-language translation thereof;
- m) Form PCT/ISA/220 (in German) - Notification of Transmittal of the International Search Report;
- n) Form PCT/ISA/237 - (in German) - Written Communication of the International Search Authority;

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- o) Form PCT/IB/301 - Notification of Receipt of Record Copy;
- p) Form PCT/IB/304 - Notification Concerning Submission or Transmittal of Priority Document;
- q) Form PCT/IB/311 - Notification Concerning Transmittal of Copy of International Application as Published or Republished;
- r) Form PCT/IB/345 - Communication in Cases for which No Other Form is Applicable;
- s) Preliminary Amendment; and
- t) Information Disclosure Statement, one form PTO/SB/08A and two references.

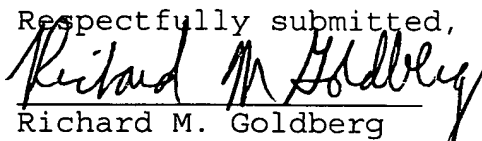
APPLICANT IS A LARGE ENTITY.

It is respectfully requested that the above-identified PCT application be granted a filing date within the August 23, 2006 convention term (30 months), based on German Application No. 10 2004 009 046.7, filed February 23, 2004, and PCT Application No. PCT/EP2005/001872, filed February 23, 2005.

In the event that this Paper is late filed, and the necessary petition for extension of time is not filed concurrently herewith, please consider this as a Petition for the requisite extension of time, and to the extent not tendered by check attached hereto, authorization to charge the extension fee, or any other fee required in connection with this Paper, to Account No. 07-1524.

The Commissioner is authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 07-1524.

RMG/mz
enclosures

Respectfully submitted,

Richard M. Goldberg
Registration No. 28,215
Attorney for Applicant

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RICHARD M. GOLDBERG